

ABSTRACT OF THE DISCLOSURE

A system and method for prioritizing sets of information transmitted across a network. The priority of a set of information determines the order in which it is transmitted and other characteristics associated with the set of information, such as connection reliability. In one embodiment, the set of information is a packet, and the packet is prioritized upon receipt by an intermediary network computer. The intermediary transmits packets based on the priority associated with each packet.

Priority information includes priority parameters, priority values, parameter valuation information, and weighting algorithms. Priority parameter types and values are based on attributes associated with a set of information, such as user identification and requested content. Priority types and values, which are based on priority parameter types and values, determine a component of the priority associated with a set of information. Parameter valuation information associates priority parameters with priority values. Weighting algorithms are used to determine a priority based on one or more priority values.